

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by incorporating the subject matter of original Claim 8 therein.

New Claims 20-22 have been added, and are identical to original Claims 9-11, respectively, but depend on Claim 1.

No new matter is believed to have been added by the above amendment. Claims 1 and 20-22 are now pending in the application.

REMARKS

The rejection of Claim 1 under 35 U.S.C. § 103(a) as unpatentable over U.S. 5,987,737 [sic, 5,989,737] (Xie et al) in view of U.S. 5,077,142 (Sakon et al), is respectfully traversed.

The claims now require the combination of a component (A), which is at least one arylamine compound represented by the formula (V), and previously-recited component (B), in the layer of an organic light emitting medium.

Xie et al discloses an organic electroluminescent (EL) device that contains an organic hole injecting and transporting layer that contains a mixture of a tertiary aromatic amine and a polycyclic aromatic hydrocarbon compound (Abstract and column 3, lines 23-28). The tertiary aromatic amine is represented by the formulae shown at column 5, lines 5-56. Illustrative examples of the polycyclic aromatic hydrocarbon compound are disclosed as formulae (1)-(26) (column 6, line 7 to column 11, line 45).

Sakon et al discloses an organic EL device having a luminescent layer comprising a compound $(B)_m(Ar)_n$, wherein B can be a polycyclic hydrocarbon and Ar is aryl.

The Examiner holds that it would have been obvious to use the compound of Sakon et al in the mixture of Xie et al.

In reply, even if Xie et al and Sakon et al were combined, the result would not be the presently-claimed invention, since neither reference discloses or suggests an arylamine compound represented by the formula (V), which is necessarily inclusive of arylamine compounds represented by formula (V-a) and formula (V-b). The arylamine of Xie et al does not have condensed rings in the center thereof.

Indeed, an organic EL device obtained by combining Xie et al and Sakon et al corresponds to Comparative Examples 2, 4 and 5 described in the present specification, and

properties such as life-time of the device and the like are inferior to those of Examples 1 and 2, as described in Tables 1-1 and 1-2 at pages 67 and 68, respectively, of the specification.

Additionally, Xie et al's mixture of a tertiary aromatic amine and a polycyclic aromatic hydrocarbon compound is in a **hole injecting and transporting layer**, while Example 1 of Xie et al indicates that it is the **electron injecting and transporting layer** therein which acts as the light emitting medium. In other words, the hole injecting and transporting layer of Xie et al does not appear to be a light emitting medium layer.

For all the above reasons, it is respectfully requested that this rejection be withdrawn.

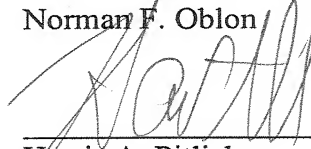
All of the presently-pending claims in this application are now believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon



Harris A. Pitlick
Registration No. 38,779

NFO:HAP\